THE 8th INTERNATIONAL CONFERENCE ON
ADVANCED CONCEPTS IN MECHANICAL ENGINEERING
*** FACULTY OF MECHANICAL ENGINEERING – 70 YEARS ANNIVERSARY ***

ACME 2018

JUNE 7 – 8, 2018
IAŞI, ROMANIA



Organized by:

FACULTY of MECHANICAL ENGINEERING

"GHEORGHE ASACHI" TECHNICAL UNIVERSITY OF IASI

Under the aegis of:

ROMANIAN MINISTRY OF NATIONAL EDUCATION AND SCIENTIFIC RESEACH
ROMANIAN ACADEMY OF TECHNICAL SCIENCES
ACADEMY OF ROMANIAN SCIENTISTS

In partnership with:

SIAR - SOCIETY OF AUTOMOTIVE ENGINEERS OF ROMANIA
ARoTMM - ROMANIAN ASSOCIATION FOR MECHANISMS AND MACHINE SCIENCE
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TOPICS:

- Machine Design. Tribology (Section 1);
- Materials and Surface Engineering (Section 2);
- Mechatronics. CAD. Mechanical Vibrations (Section 3);
- Theory of Mechanisms and Machinery. Robotics (Section 4);
- Mechanics of Deformable Bodies (Section 5);
- Automotives. Engine and Transmission. Road Safety (Section 6);
- Applied Thermodynamics, Heat Transfer, and Renewable Energy. Thermal Systems (Section 7);
- Technologies in Agriculture and Food Processing (Section 8);

HISTORY AND AIM:

The First International Conference on **A**dvanced **C**oncepts in **M**echanical **E**ngineering was organized in 2004 by the Mechanical Engineering Faculty from “Gheorghe Asachi” Technical University of Iasi. Subsequently, it was held on a biennal basis, becoming the most significant conference hosted by our faculty.

The aim of ACME is to outline the image of future mechanical systems, to initiate research in new areas bordering various research fields and to promote innovation in all its forms. The event will provide a forum for interaction between researchers and professionals from academia and industry, while promoting interaction between scientists and engineers. The conference will comprise technical and social programs. The technical program will include plenary and regular oral or poster presentations.

The papers presented at the 6th edition (ACME2014) are indexed in Scopus and the last edition (ACME2016) was indexed in both Web Of Science (ISI Thomson) and Scopus.

FEES:

- 150 €, including open access to all papers and conference dinner – one person (+50 € per extra paper by the same first author)
- 100 € for doctoral students and senior and emeritus professors
- 50 € for accompanying persons

DEADLINES:

- One page abstract submission: December 1st, 2017
- Notification of acceptance: December 15th, 2017
- Full paper submission: February 9th, 2018

GENERAL INFORMATION:

- The ACME2018 Conference Proceedings will be published by *IOP Conference Series: Materials Science and Engineering*, an open-access proceedings journal, with abstracting and indexing in ISI Web of Science (Conference Proceedings Citation Index), Scopus, EI Compendex, among others (as a proceedings journal, an Impact Factor is not assigned). There is no limit for the number of pages.
- In order to be published, at least one author must register for the conference and present the paper.
- A maximum 1-page abstract will be submitted in electronic form, to the appropriate section manager.

More information on the conference WEB page: **http://www.mec.tuiasi.ro/acme2018**